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AND REPORT OF THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER, THE PERSON NAMED IN COLUMN TWO IS NOT THE OWNER,		

UUU	UUU	EEEEEEEEEEEE	!!!!!!!!!!!!!!!!	PPPPPPPPPPP	SSSSSSSSSSS	YYY	YYY
UUU	UUU	EEEEEEEEEEEEE		PPPPPPPPPPPP	SSSSSSSSSSS	YYY	YYY
UUU	UUU	EEEEEEEEEEEE	111111111111111111111111111111111111111	PPTPPPPPPPPP	SSSSSSSSSSSS	YYY	YYY
UUU	UUU	EEE	111	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	III	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	111	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEE	TTT	PPP PPP	SSS	YYY	YYY
UUU	UUU	EEEEEEEEEE	TTT	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEEEEEEEEE	111	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEEEEEEEEE	İİİ	PPPPPPPPPPP	SSSSSSSS	YYY	
UUU	UUU	EEE	İİİ	PPP	SSS	YYY	1
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		EEEEEEEEEEEEE					
UUUUUUUUU			îii	PPP	22222222222	YYY	
UUUUUUUUU		EEEEEEEEEEEEE	ĨĬĨ	PPP	SSSSSSSSSSS	YYY	
UUUUUUUUU	UUUUUU	EEEEEEEEEEEE	TTT	PPP	SSSSSSSSSS	YYY	

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SATSSS39 Table of contents	SATS SYSTEM SERVICE TESTS \$H1	IBER (SUCC	16-SEP-1984 00:52:42	VAX/VMS Macro V04-00
(1) 54 (1) 82 (1) 100 (1) 163 (1) 233 (1) 326 (1) 435 (1) 490	DECLARATIONS CONDITION TABLES TM SETUP, TM CLEANUP CONDITION SUBROUTINES - SETUP AND CLEAFORM CONDS VERIFY VFY CLEANUP WAKAST	ANUP		

SATSSS39 SATS SYSTEM SERVICE TESTS SHIBER (SUCC S.C.) .TITLE

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: FACILITY: SYSTST (SATS SYSTEM SERVICE TESTS)

ABSTRACT:

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THIS MODULE CONTAINS SUBROUTINES WHICH, WHEN LINKED WITH SUCCOMMON.OBJ, FORM TEST MODULE SATSSS39 TO TEST SUCCESSFUL OPERATION OF THE SHIBER SYSTEM SERVICE. THE SERVICE IS INVOKED UNDER VARIOUS INPUT CONDITIONS WITH VARYING INPUT PARAMETERS. ONLY SUCCESSFUL STATUS CODES ARE EXPECTED IN THIS TEST MODULE. CORRECT OPERATION OF THE SERVICE FOR EACH OF ITS ISSUANCES IS VERIFIED BY CHECKING FOR AN SS\$ NORMAL STATUS CODE, EXPECTED RETURN ARGUMENTS AND EXPECTED FUNCTIONALITY PERFORMED.

ENVIRONMENT: USER MODE IMAGE; NEEDS CMKRNL PRIVILEGE, DYNAMICALLY ACQUIRES OTHER PRIVILEGES, AS NEEDED.

AUTHOR: THOMAS L. CAFARELLA,

CREATION DATE: FEB, 1977

MODIFIED BY:

. : VERSION

4444445

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SATSSS39 V04-000

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SATS SYSTEM SERVICE TESTS $HIBER (SUCC 16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 Page 3 DECLARATIONS 5-SEP-1984 04:31:04 [UETPSY.SRC]SATSSS39.MAR;1 (1)

00000000 70 PSECT RODATA.RD.NOWRT.NOEXE.LONG
0000 71 TEST_MOD_NAME:: STRING C.<SATSSS39> TEST MODULE NAME
0009 72 TEST_MOD_NAME_D: STRING I.<SATSSS39> TEST MODULE NAME DESCRIPTOR
0019 73 MSG1_INP_CTL: STRING I.<SSHIB!4ZW: CONDITIONS:>
0039 74 PSG3_ERR_CTL:: STRING I.<SSHIB!4ZW: PAGE CTL STRING FOR MSG1 IN SUCCOMMON.MAR
0039 75 MSG3_ERR_CTL:: STRING I.<SSHIB!4ZW: PAGE CTL STRING FOR MSG3 IN SUCCOMMON.MAR
FFFFFFFF F70F2E80 0051 77 DAYTIM_STM: LONG -10*1000*1000*15.-1; 15 SECONDS IN 100-NANOSECOND UNITS
```

SATSSS39 V04-000 SATSSS39 V04-000 SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 Page 4 DECLARATIONS 5-SEP-1984 04:31:04 [UETPSY.SRC]SATSSS39.MAR;1

00000000 79 PRIVMASK: RWDATA, RD, WRT, NOEXE, LONG ADDR OF PRIVILEGE MASK (IN PHD)

```
SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 TM_SETUP, TM_CLEANUP 5-SEP-1984 04:31:04
                                                                                                                                VAX/VMS Macro V04-00
EUETPSY.SRCJSATSSS39.MAR;1
                                                                                                                                                                                 (1)
                                                                         .SBTTL TM_SETUP, TM_CLEANUP
                                                             : FUNCTIONAL DESCRIPTION:
                                                        104
105
106
107
                                                                REQUIRED HOUSEKEEPING AT THE BEGINNING AND END, RESPECTIVELY, OF
                                                                TEST MODULE EXECUTION.
                                                        108
                                                                CALLING SEQUENCE:
                                                        110
                                                                        BSBW TM_SETUP
                                                                                               BSBW TM_CLEANUP
                                                                INPUT PARAMETERS:
                                                                         NONE
                                                                IMPLICIT INPUTS:
                                             NONE
                                                       OUTPUT PARAMETERS:
                                                                         NONE
                                                                IMPLICIT OUTPUTS:
                                                                         TM_SETUP: COND TABLE INDEX REGISTERS (R2,3,4,5,6) CLEARED;
                                                                                        ALL PRIVILEGES ACQUIRED.
                                                                COMPLETION CODES:
                                                                        EFLAG SET TO NON-ZERO IF ERROR ENCOUNTERED.
                                                                SIDE EFFECTS:
                                                                        SS_CHECK AND ERR_EXIT MACROS CAUSE PREMATURE EXIT (VIA RSB) IF ERROR ENCOUNTERED.
                                                       141
142
143
144
146
147
148
149
                                                             TM_SETUP::
                                                                                    R2
R3
R4
R5
                                                                                                                         INITIALIZE
                                       044440E0
                                                                         CLRL
                                                                                                                         .. CONDITION
                                                                         CLRL
                                                                                                                         .... TABLE
                                                                                                                         ···· INDEX
                                                                         CLRL
                                                                        CLRL
                                                                                                                                      REGISTERS
                                                                                    R6
MOD_MSG_PRINT ; PRINT TEST MODULE BEGIN MSG
TEST_MOD_SUCC.TMD_ADDR ; ASSUME END MSG WILL SHOW SUCCESS
#SUCCESS,#0,#3,MOD_MSG_CODE ; ADJUST STATUS CODE FOR SUCCESS
                                                                         BSBW
                   00000000 BF
00000000 BF
00000000'EF
                                                                         MOVAL
     03
            00
                                                                         INSV
                                                       151
152
153
154
155
                                                                                    TO.5$, KRNL ; KERNEL MODE TO ACCESS PHD GET PROCESS HEADER ADDRESS PHD GET PRIVMSK (R9), PRIVMSK ; GET PRIV MASK ADDRESS FROM, 5$; BACK TO USER MODE
                                                                         MODE
                                        DO
                    00000000'9F
                                                                         MOVL
             00000000'EF
                                                                         MOVAL
                                                                         MODE
                                                                         PRIV
                                                                                                                      : GET ALL PRIVILEGES
                                                                                    ADD, ALL
```

SATSSS39 V04-000		SATS TM_S	SYSTEM ETUP, T	SERV	ICE TES	TS SHIB	ER (SUCC	16-SEP-1984 5-SEP-1984	00:5	2:42	VAX/VMS CUETPSY	Macro V04-00 .SRCJSATSSS39.	MAR;1	Page	(1
		05	0077 0084 0082 0083 0083	156 157 158	TM_CLEA	SSETPRN SS CHECK	S TEST N	IOD_NAME_D	-	SET F	PROCESS STATUS RN TO MA	NAME CODE RETURNED IN ROUTINE	FROM	SETPRN	
	FF4A'	30 05	00B3 00B6	160	IM_CLEA	BSBW RSB	MOD_MSG	PRINT	- ;	PRINT	T TEST M	ODULE END MSG			

```
SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 CONDITION SUBROUTINES - SETUP AND CLEANU 5-SEP-1984 04:31:04
                                                                                                                                VAX/VMS Macro V04-00
[UETPSY.SRC]SATSSS39.MAR;1
          00B7
00B7
00B7
                        163
164
165
                                                 .SBTTL CONDITION SUBROUTINES - SETUP AND CLEANUP
                                 : FUNCTIONAL DESCRIPTION:
                                   CONDX AND CONDX CLEANUP ARE SUBROUTINES WHICH ARE EXECUTED BEFORE AND AFTER THE VERIFY SUBROUTINE, RESPECTIVELY, WHENEVER A NEW CONDITION X VALUE IS SELECTED (SEE FUNCTIONAL DESCRIPTION OF SUCCOMMON ROUTINE IN SUCCOMMON.MAR). ANY SETUP FUNCTION PARTICULAR TO THE CONDITION X TABLE IS INCLUDED IN THE CONDX SUBROUTINE AND CLEANED UP, IF NECESSARY, IN THE CONDX CLEANUP SUBROUTINE. THIS INCLUDES, ESPECIALLY, CODE TO DETECT CONFLICTS AMONG CURRENT ENTRIES IN TWO OR MORE CONDITION TABLES. IF A CONFLICT IS DETECTED, A NON-ZERO VALUE IS STORED INTO CONFLICT, WHICH CAUSES THE CALLING ROUTINE (SUCCOMMON) TO SKIP THE CURRENT ENTRY IN THE CONDITION X TABLE.
                        174
                        176
                        178
                                    CALLING SEQUENCE:
                        180
181
182
183
184
185
                                                 BSBW CONDX BSBW CONDX_CLEANUP WHERE X = 1,2,3,4,5
          00B7
                                   INPUT PARAMETERS:
          00B7
          00B7
                                                 CONFLICT = 0
          00B7
00B7
00B7
00B7
00B7
                        186
187
188
189
                                    IMPLICIT INPUTS:
                                                 R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.
                        191
192
193
          00B7
                                    OUTPUT PARAMETERS:
                        194
195
196
197
                                                 CONFLICT SET TO NON-ZERO IF COND TABLE CONFLICT DETECTED.
                                   IMPLICIT OUTPUTS:
                        198
                                                 R2,3,4,5,6 PRESERVED
                        2001230456789001123456789
                                : COMPLETION CODES:
                                                 NONE
                                    SIDE EFFECTS:
                                                 NONE
          00B7
                                COND1::
          00B7
 05
          00B
                                                RSB
                                                                                                                  : RETURN TO MAIN ROUTINE
                                COND1_CLEANUP::
          00B8
 05
          00B8
                                                 RSB
                                                                                                                   ; RETURN TO MAIN ROUTINE
          00B9
                                COND2::
 05
          00B9
                                                 RSB
                                                                                                                  : RETURN TO MAIN ROUTINE
                                COND2_CLEANUP::
          00BA
 05
          00BA
                                                 RSB
                                                                                                                   : RETURN TO MAIN ROUTINE
```

(1)

SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 Page CONDITION SUBROUTINES - SETUP AND CLEANU 5-SEP-1984 04:31:04 [UETPSY.SRC]SATSSS39.MAR;1	SATS ST	SYSTEM SERVICE TESTS SHIBER	(SUCC CLEANU	16-SEP-1984 00:52:42 5-SEP-1984 04:31:04	VAX/VMS Macro V04-00 [UETPSY.SRC]SATSSS39.MAR:1	Page	(1)
---	---------	-----------------------------	-----------------	---	---	------	-----

05	00BB 00BB	220 COND3:: 221 RSB	; RETURN TO MAIN ROUTINE
05	00BC	221 222 COND3_CLEANUP:: 223 RSB 224 COND4::	; RETURN TO MAIN ROUTINE
05	00BD	225 RSB 226 COND4_CLEANUP::	; RETURN TO MAIN ROUTINE
05	OOBE	227 RSB 228 COND5::	; RETURN TO MAIN ROUTINE
05	00BF	230 COND5_CLEANUP::	; RETURN TO MAIN ROUTINE
05	ŏŏčŏ	231 RSB	; RETURN TO MAIN ROUTINE

00

DE 00 90

00BF

EF 00000008'EF 0000001F'EF42 00000000'EF 00

00000000'EF

```
SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 FORM_CONDS 5-SEP-1984 04:31:04
                                                                                                VAX/VMS Macro V04-00
EUETPSY.SRCJSATSSS39.MAR; 1
                                     .SBTTL FORM_CONDS
                           FUNCTIONAL DESCRIPTION:
                             THE CURRENT ELEMENT IN EACH OF THE CONDITION TABLES.
                           CALLING SEQUENCE:
                                     BSBW FORM_CONDS
                           INPUT PARAMETERS:
                                     NONE
                           IMPLICIT INPUTS:
                                    R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES

FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX_T - TITLE TEXT FOR CONDX TABLE

CONDX_TAB - ELEMENT TEXT FOR CONDX TABLE

CONDX_C - CONTEXT OF THE CONDX TABLE

CONDX_E - DATA ELEMENTS OF THE CONDX TABLE
                  OUTPUT PARAMETERS:
                                     NONE
                           IMPLICIT OUTPUTS:
                                     NONE
                           COMPLETION CODES:
                                     NONE
                           SIDE EFFECTS:
                                     NONE
                         FORM_CONDS::
                                     $FAO_S MSG1_INP_CTL,FAO_LEN,FAO_DESC,TESTNUM
; FORMAT COND
                                                                                        FORMAT CONDITIONS HEADER MSG
                                                 WCOND1_C, WNULL
                                                                                        ... AND PRINT IT
IS CONDITION 1 NULL ?
 30
91
12
31
                                     BSBW
                                     CMPB
                                     BNEQU
                                                                                         NO -- CONTINUE
                                                 FORM_CONDSX
                                     BRW
                                                                                         YES -- SUBROUTINE IS FINISHED
                        10$:
                                                                                      SAVE ADDRESS OF CONDITION 1 TITLE FOR FAO
SAVE ADDR OF COND 1 CURR TEXT ELT FOR FAO
```

MOVAL COND1_T,MSG_A ; SAVE ADDRESS OF CONDITION 1 TITLE FOR MOVL COND1_TAB[RZ],MSG_B ; SAVE ADDR OF COND 1 CURR TEXT ELT FOR MOVB #CONDT_C,MSG_CTXT ; SAVE CONDITION 1 CONTEXT FOR FAO MOV_VAL COND1_T,CONDT_E[RZ],MSG_DATA1 ; GIVE COND 1 DATA VALUE TO FAO

```
01AB 326 .SBTTL VERIFY
01AB 327 :++
01AB 328 : FUNCTIONAL DESCRIPTION:
01AB 329 :
01AB 330 : VERIFY IS
01AB 331 : TABLE VALUES (AS DETERM
```

01AB 01AB 01AB 01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB 01AB

01AB

01AB

01AB

01AB 01AB

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01AB

01AB

01AB 01AB 01AB 01AB

01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB

01AB 01AB 362 363 364

365

366 367

368 369 370

VERIFY IS CALLED ONCE FOR EACH COMBINATION OF CONDITION TABLE VALUES (AS DETERMINED BY THE INDEX REGISTERS R2,3,4,5,6 FOR COND TABLES 1,2,3,4,5, RESPECTIVELY). VERIFY ESTABLISHES THE CONDITIONS SPECIFIED BY THE COND TABLES AND ISSUES THE SUBJECT SYSTEM SERVICE (\$HJBER). THEN, THE SUCCESSFUL OPERATION OF THE SERVICE IS VERIFIED BY EXAMINING THE STATUS CODE RETURNED, THE VALUES FOR RETURN ARGUMENTS AND THE FUNCTIONALITY PERFORMED. THE EXAMINATIONS TAKE THE FORM OF COMPARISONS AGAINST EXPECTED VALUES. ANY FAILING COMPARISON CAUSES AN ERR EXIT MACRO TO BE EXECUTED (EITHER DIRECTLY, OR INDIRECTLY, THROUGH THE SS CHECK MACRO); ERR EXIT SETS EFLAG TO NON-ZERO, PRINTS ERROR MESSAGES AND CAUSES AN IMMEDIATE RSB TO CALLER. WHEN ERR EXIT IS EXECUTED, FURTHER CALLS TO VERIFY ARE SUPPRESSED, AND, AFTER EXECUTING CLEANUP SUBROUTINES, THE IMAGE EXITS.

CALLING SEQUENCE:

BSBW VERIFY

INPUT PARAMETERS:

NONE

IMPLICIT INPUTS:

R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES

FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX_E - ADDRESS OF TABLE OF DATA VALUES FOR CONDX

TABLE. IF THE CONTEXT OF TABLE X IS A SYSTEM SERVICE

ARGUMENT, THE ARGUMENT NAME MAY BE USED AS A SYNONYM

FOR CONDX_E.

OUTPUT PARAMETERS:

NONE

IMPLICIT OUTPUTS:

VERIFY HAS NO OUTPUT. SINCE ITS PURPOSE IS TO TEST FOR ERRORS, IT MERELY RETURNS TO CALLER NORMALLY AFTER THE TESTS, PROVIDING ALL WERE SUCCESSFUL; IF AN ERROR IS DISCOVERED, RETURN IS VIA AN ERR_EXIT OR SS_CHECK MACRO, BOTH OF WHICH DOCUMENT DETECTED ERRORS.

COMPLETION CODES:

EFLAG SET TO NON-ZERO IF ERROR ENCOUNTERED.

SIDE EFFECTS:

SS_CHECK AND ERR_EXIT MACROS CAUSE PREMATURE EXIT (VIA RSB) IF ERROR ENCOUNTERED.

```
SATS SYSTEM SERVICE TESTS $HIBER (SUCC 16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 VFY_CLEANUP 5-SEP-1984 04:31:04 [UETPSY.SRC]SATSSS39.MAR;1
                                                        .SBTTL VFY_CLEANUP
                                      : FUNCTIONAL DESCRIPTION:
                                         VFY CLEANUP EXECUTES SYSTEM SERVICES TO UNDO THE EFFECT OF THOSE ISSUED IN THE VERIFY SUBROUTINE. VFY CLEANUP MUST ASSUME THAT VERIFY MAY NOT HAVE EXECUTED IN ITS ENTIRETY (IF AN ERROR IS FOUND). ALSO, VFY CLEANUP MAY ISSUE SS CHECK OR ERR_EXIT ONLY AFTER PERFORMING ALL OF ITS CLEANUP OPERATIONS; THIS IS REQUIRED IN THE EVENT THAT VFY CLEANUP IS CALLED DURING ERROR PROCESSING, WHEN PERFORMING THE REQUIRED CLEANUP IS MORE IMPORTANT THAN
                                         POSSIBLY DISCOVERING A SECOND ERROR.
                                         CALLING SEQUENCE:
                                                       BSBW VFY_CLEANUP
                                         INPUT PARAMETERS:
                                                        NONE
                                         IMPLICIT INPUTS:
                                                      R2,3,4,5,6 CONTAIN CURRENT CONDITION TABLE INDEX VALUES

FOR COND TABLES 1,2,3,4,5, RESPECTIVELY.

FOR X = 1,2,3,4,5:

CONDX_E - ADDRESS OF TABLE OF DATA VALUES FOR CONDX

TABLE. IF THE CONTEXT OF TABLE X IS A SYSTEM SERVICE

ARGUMENT, THE ARGUMENT NAME MAY BE USED AS A SYNONYM

FOR CONDX_E.
                            4612346567890123
                                         OUTPUT PARAMETERS:
                                                        NONE
                                         IMPLICIT OUTPUTS:
                                                        NONE
                                         COMPLETION CODES:
                                                       EFLAG SET TO NON-ZERO IF ERROR ENCOUNTERED.
                            478
479
481
483
484
485
488
488
488
                                         SIDE EFFECTS:
                                                       SS_CHECK AND ERR_EXIT MACROS CAUSE PREMATURE EXIT (VIA RSB) IF ERROR ENCOUNTERED.
```

040F 040F 040F VFY_CLEANUP::

; RETURN TO CALLER

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SATSSS39 V04-000		SATS	SYSTEM	SERV	ICE TES	TS SHIB	M 16 ER (SUCC	16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 Page 15 5-SEP-1984 04:31:04 [UETPSY.SRCJSATSSS39.MAR;1 (1)	
	0001	0000 30 04	0410 0410 0410 0412 0415	490 491 492 493 494	WAKAST:	.SBTTL .WORD BSBW RET	WAKAST 0 10\$: ENTRY MASK TO WAKAST : EXECUTE AST SS_CHECK MUST BE IN SUBRTN ; RETURN FROM AST	-
		05	0416 0421 044F 0450	496 497 498 499	103:	SWAKE S SS CHEC RSB .END	K NORMAL	; WAKE UP HIBERNATING TEST MODULE ; CHECK WAKE RETURN ; RETURN TO CALLER	

SATSSS39 Symbol table	SATS SYSTEM SERVICE TESTS SHIBER (SUCC 16-SEP-1984 00:52:42 VAX/VMS Macro V04-00 Page 1 5-SEP-1984 04:31:04 [UETPSY.SRC]SATSSS39.MAR;1
\$\$\$\$CHARS \$\$\$CHARS1 \$\$\$CHARS2 \$\$\$CHARS3 \$\$\$CHARS4 \$\$\$CHARS5 \$\$\$CHARS5 \$\$\$SCOND A \$\$\$STRINGS2 \$\$\$T1 \$\$T2 BYTE CFLAG CHMRTN CHM_CONT COMP_SC COND1_C COND1_C COND1_T COND1_T COND1_T COND1_T COND2_C COND2_C COND2_C COND2_C COND2_T COND2_T COND2_T COND3_T COND3_T COND3_T COND3_T COND3_T COND3_T COND3_T COND4_C COND4_C COND4_T COND4_T COND4_T COND4_T COND5_T CON	= 00000024 R 04 LONG

! Psect synopsis !

PSECT name	Allocation	PSECT No.	Attributes		
ABS . \$ABS\$ RODATA RWDATA SATSSS39	00000000 (0.) 00000000 (0.) 00000059 (89.) 0000004F (79.) 00000450 (1104.)	00 (0.) 01 (1.) 02 (2.) 03 (3.) 04 (4.)	NOPIC USR NOPIC USR NOPIC USR NOPIC USR NOPIC USR	LCL NOSHR NOEXE NOR LCL NOSHR EXE R LCL NOSHR NOEXE R LCL NOSHR NOEXE R LCL NOSHR EXE R	D WRT NOVEC BYTE D NOWRT NOVEC LONG D WRT NOVEC LONG

Performance indicators !

Phase	Page faults	CPU Time	Elapsed Time
Initialization .	35	00:00:00.09	00:00:00.38
Command processing	35 138 230	00:00:00.62	00:00:01.64 00:00:10.88
Symbol table sort Pass 2	103 13	00:00:00.43	00:00:00.49
Symbol table output	13	00:00:00.08	00:00:00.08
Psect synopsis output Cross-reference output	.0	00:00:00.00	00:00:00.00
Assembler run totals	524	00:00:08.45	00:00:15.52

The working set limit was 1500 pages.
29210 bytes (58 pages) of virtual memory were used to buffer the intermediate code.
There were 20 pages of symbol table space allocated to hold 294 non-local and 31 local symbols.
499 source lines were read in Pass 1, producing 23 object records in Pass 2.
36 pages of virtual memory were used to define 27 macros.

! Macro library statistics !

Macro Library name _\$255\$DUA28:[SHRLIB]UETP.MLB;1 _\$255\$DUA28:[SYS.OBJ]LIB.MLB;1 _\$255\$DUA28:[SYSLIB]STARLET.MLB;2 TOTALS (all Libraries) Macros defined 8 1 24

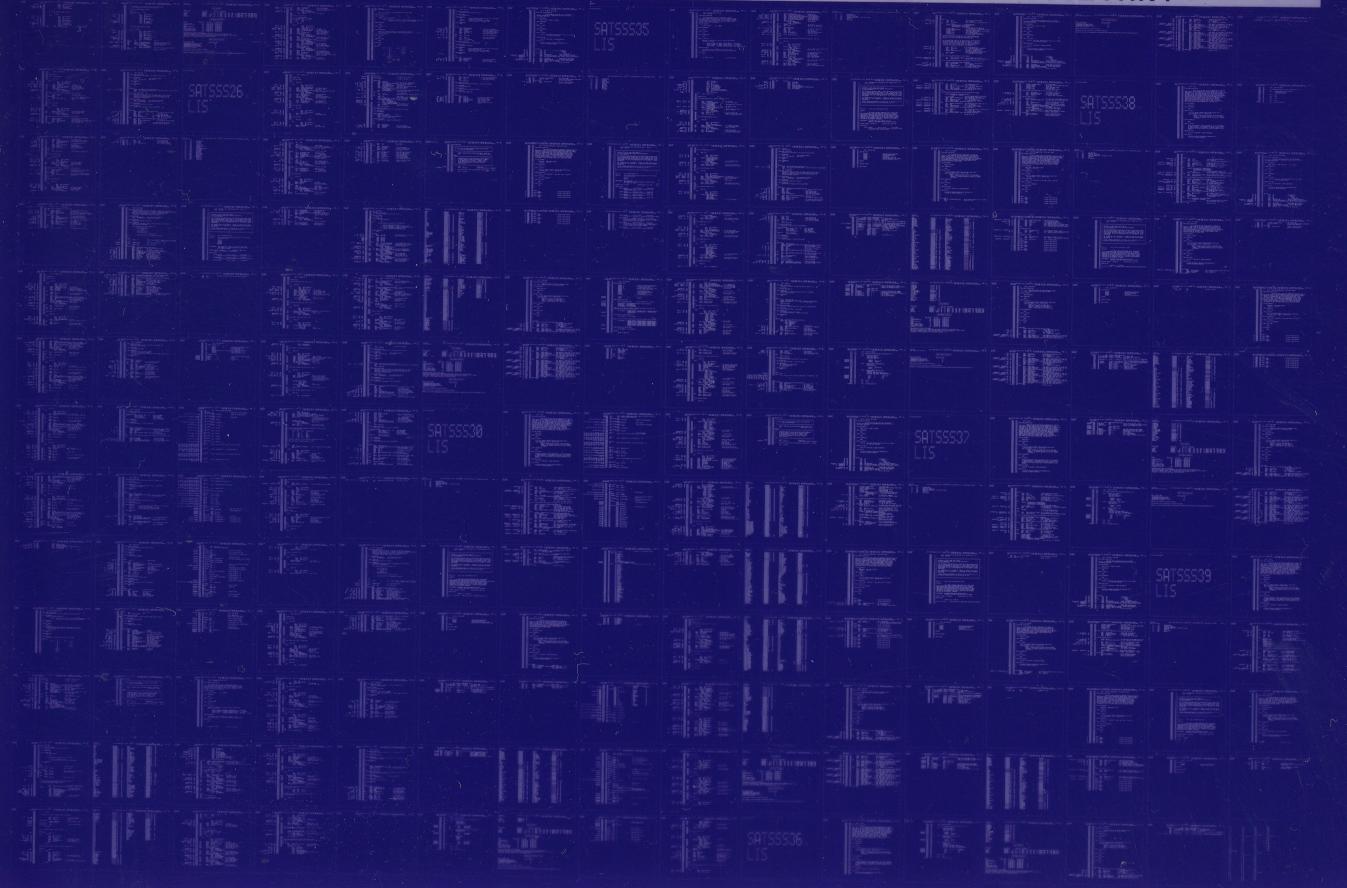
632 GETS were required to define 24 macros.

There were no errors, warnings or information messages.

MACRO/LIS=LIS\$:SATSSS39/OBJ=OBJ\$:SATSSS39 MSRC\$:SATSSS39/UPDATE=(ENH\$:SATSSS39)+EXECML\$/LIB+SHRLIB\$:UETP/LIB

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